

C
22. (new) The method of claim 20 wherein the G-protein beta polypeptide has greater than 70% amino acid sequence identity to a polypeptide having the sequence contained in SEQ ID NO:5.

23. (new) The method of claim 20 wherein the promiscuous G-protein alpha polypeptide is G α 15.

24. (new) The method of claim 20 wherein the promiscuous g-protein alpha polypeptide is G α 14.

25. (new) The method of claim 20 wherein the taste cell specific G-protein coupled receptor is GPCR-B3.

26. (new) The method of claim 20 wherein the taste cell specific G-protein coupled receptor is GPCR-B4.

27. (new) The method of claim 20 wherein the host cell is HEK-93.

28. (new) The method of claim 20 wherein the G-protein beta polypeptide has an amino acid sequence identical to SEQ ID NO:3.

29. (new) The method of claim 20 wherein the G protein beta polypeptide has an amino acid sequence identical to SEQ ID NO:5.

REMARKS

With this amendment, claims 1-29 are pending in the application. All pending claims are provided in Appendix A.